

UNIVERSITY OF ALBERTA
FEB 1968
LIBRARY

EDITORIAL COMMENT

The good, the bad, and the ugly

The U. of A. is not all roses. To be perfectly honest, sometimes the rosy side of campus is barely detectable. University is good times. University is also bad times. If the prospective student realizes this inherent fact of campus life, he will have mastered the hardest part of his university career: coming to grips with reality.

Does this imply that there is no place for anyone but the defeatist at university? Nothing could be further from the truth. To gain the maximum in his university career, the student must first realize that the ideal campus image will soon grow tarnished, that the theoretical hopes of Fresh Week will soon dissipate with each new emotional crisis he faces during the academic year. But then comes the trying point. Instead of giving up and living a life of quiet desperation, the good university student will face his problems courageously and try to constructively change what he thinks is sick or ugly. At no time is defeatism or negativism tolerated by the mature student.

VGV stresses the Good side of campus and campus life. In the next day or two you will enjoy the faculty displays, the sports, the athletic events, and the bus and the spirit of a hectic guest weekend. The U. of A. will throw back its doors and for a solid weekend you'll be the prestigious guest of this jolly Green and Gold giant. And sometime Sunday you'll return home and think of the U. of A., and the impression will be a good one.

Then crash! Next September when you enroll on campus, reality will catch up with you. You will experience the Bad and the Ugly, the sides which you very likely will have missed during VGV '88. The pressures will be many. Each and every one of you will really feel the pressure, more and more as the year progresses.

When this happens, you will be tempted to give up, for that's the easiest answer to any real problem. That is the time to remember the duty you owe to yourself, to the academic community, and to society at large as a university student. It is time to fight back. The university is like an apple with a bruise on it—if it you leave it alone, the bruise will grow and soon there will be no apple left. But if you cut off the bruise, the rest of the apple will be unspooled. A simple operation removing the rotten part will insure the preservation of the total entity in its best undisturbed form.

That is the VGV message. A kind of warning—University is no piece of cake, so don't expect perfection in an imperfect society. But be prepared to fight for it!

STUDENT RESPONSIBILITY

There is increasingly more participation by students across Canada in the formation and direction of the academic philosophy of the "multiversity." This "Student revolt" has been precipitated by the ineffective, arid lecture system coupled with the inexperienced graduate students' inept attempts at teaching impersonal, Levittian administration. The University of Alberta has been immune to these distortions of a "higher education." The students' responsibility for their own education. Representation on General Faculty Council has been granted to students. There is a growing trend under foot to have some type of representation on Faculty Councils.

The Students' Union have set up the first student "Academic Grievance Committee" in Canada to hear student complaints and assist the complainants in resolving their grievances. There will be publication of a course guide giving student opinion on the attractiveness of courses and professors. There is definitely increased awareness by the students on campus of their opportunity to participate in the learning process. Students are realizing that they have a unique contribution to make. They know that they are the only ones that can express their own condition. They are the only ones that can change the unreal "lectured at" system to a meaningful dialogue between professor and student. It's their responsibility to do so.

Editors note

We have attempted to present to you, the visitors to Varsity Guest Weekend, a brief review of the academic, social and athletic phases of university life. However, it is important to realize that a true picture of university life can only be achieved through active participation in these experiences.

I would like to thank all who contributed to this paper: Barrie McComman, Murray Sigler, Brian Nord, Gib McLean, Patti Ann Cameron, Delores Franz, Ron Kirstein, Larry McIntosh, Barbara Fraser, Ken Gaudin, Gordon Hardisty, Donna Burford, Della Burford, Kathy Grovier, Cathy Hughes, Blain Gowing, Mary-Lee Milligan, Phil Ponting, Dwayne God, Dave Batchelor, Jim Matkin, Frank Horvath, and the Photodirectorate.

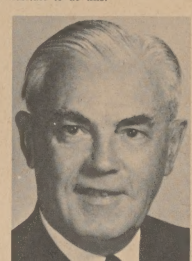
—JEAN THOMAS, Editor.

It is a pleasure, once more, to extend to the many visitors from the high schools of Alberta a warm welcome to the Campus of the University of Alberta in Edmonton, in connection with Varsity Guest Weekend, 1988.

Visitors' Day is a fairly common feature of the programme of public relations of institutions of various kinds, but we feel that it has special significance and value for high school students throughout Alberta who are giving serious thought to the question of whether or not they should attend University. Some of you may have the desire, but not the aptitude, some may have pressure from parents or relatives, but not the desire, some may have both the desire and the aptitude, but wonder about the cost. All these questions have to be put into the computer of your mind, in the hope that the correct answer will appear.

During your visit here we hope you will meet people who are part of the University community, and who can help you resolve your problem effectively. It is important for you to realize, however, that you will have to ask questions and seek information from every possible source. We hope you will not hesitate to do this.

Dr. Walter H. Johns



DR. WALTER H. JOHNS
President, U of A

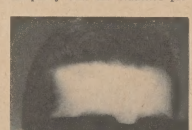
On behalf of The Students' Union, it is my privilege to welcome you to Varsity Guest Weekend—1988. Some of you will have come because you are high school students who are considering entering this university within the next few years, and others of you will have come simply because you are interested in the University. To look at this major institution of higher learning, Varsity Guest Weekend is an attempt to provide an adequate idea of the University and its interests to all visitors to our campus.

You are cordially invited to tour our new Students' Union Building. The students of this university are very proud of this building, which is one of the finest in Canada. In North America, Students were responsible for the initiation of the project and the basic design of the facilities included in it. Now that it is completed, they are responsible for its operation and a major portion of the financing of its capital cost. I am sure that you will find the building and the many exhibits which are located within it most interesting.

Prospective students are encouraged to visit our Academic Information Center, where they will have the opportunity to discuss the

many facets of university life with students and members of the academic staff of each faculty and school on the campus.

The Students' Union adheres to the policy that the student's pri-



AL ANDERSON
President, SU

continuously you can continue to the Campus of The University of Alberta for Varsity Guest Weekend '88. A great deal of planning for this weekend and I sincerely hope that you will take this opportunity to have a close look at every facet of University life.

Many displays have been planned for your enjoyment, but there are far too many to see in one day. It

will be of more benefit to you to visit the displays where you are interested. If you are undecided then you will want to visit the Academic Information Centre and find out about all faculties and departments. This centre is situated in the Education Gym and it is an excellent time to ask questions of students and professors in the various faculties.

The three main aspects of University life, academic, social and athletic, will be discussed in the V-3 lectures. These seminars will allow you a chance to ask questions on any aspect of University. An experience of many of students and professors will be on hand to give you the answers you are looking for.

We have not forgotten the social aspect of Varsity Guest Weekend, and there are numerous dances which I hope all of you will attend.

As you can see, a great deal of work has been done to make sure the only one who can make this weekend a success.

Again, I would like to extend to you a warm welcome, and I sincerely hope that your visit to our campus will be both pleasant and profitable.

Mike Edwards

Director, VGV

Although The University of Alberta has grown at an enormous rate in the last few years, we still cannot meet the needs of our country and the world for specialists in Medicine, Dentistry, Nursing, in Library work, Social work, and many areas of Engineering, nor can we find enough highly qualified teachers from every level from elementary to the University. So we do need the ablest and most capable young people to attend University, so that we can help them prepare themselves for careers and professions throughout our nation and the world.

The year 1968 is the first year of Canada's second century, and it should be a good year to participate on the programme of University study. We hope all of you, who visit our Campus this year will give serious thought to this matter and will go home to discuss it with parents, teachers, and friends.

We hope you will find your visit here a pleasant one, and that many of you will return for a longer stay in September, as students at The University of Alberta and members of our University family.

Many responsibility is to his academic studies. I feel, however, that the social development of the student is an essential part of his total education at university. This social development is furthered by participation in extra-curricular activities. The Students' Union is actively involved in this area through the sponsorship of many activity organizations and a wide variety of interest groups. Displays which are designed to provide prospective students with some insight into the extra-curricular opportunities available to them are located in the Students' Union Building.

Varsity Guest Weekend has been an annual event at this university for the past twenty years. It is sponsored by The Students' Union and is organized by student volunteers. We have here one of the foremost universities in Canada, and this weekend offers you an excellent opportunity to view the physical plant and to meet some of the people who make up our university community. I would urge you to take full advantage of this opportunity to become better acquainted with The University of Alberta and I hope that you thoroughly enjoy your visit.

Mike Edwards

Director, VGV

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Director, VGV

Director, VGV

VGW schedule



... more than a lunchroom for 10,000 students

This is what was said about us in Time magazine

"The movers and shakers behind this project declared The University of Alberta's President Dr. Walter Johns, 'displayed the savvy of a man whose horse traders, the tenaciousness of labor negotiators, the eternal optimism of politicians and the shrewd business sense of corporation executives.' The 'Néobénédictine' men so glowingly described were Alberta student leaders who, in 1961, came to the unexceptionable conclusion that the drab eleven-year-old student union the university had set up left much to be desired. Now, six years and \$5.5 million later, the Alberta campus (enrollment: 13,000) has just opened a new union, financed and built entirely through the students' own enterprise and stylishly equipped to make any old grad year to go back to college.

Mixing Non-Mixers

Topped by a five-storey structural steel tower that seemingly floats above a two-storey main section, the union's 230,000 sq. ft. space house amenities that range from a six-sheet curling rink to a meditation room with a giant sky-dome that looks down on a non-denominational circular altar. The union's facade displays a \$25,000 aluminum relief by Montreal Sculptor Jordi Bonet depicting 'the enthusiasm of youth to go forward into the future', inside, the low-key color scheme is enhanced by contemporary Canadian paintings and sculptures. Besides providing such mundane facilities as a bank, barbershop and bookstore, the center also has an art gallery, which this week shows 42 paintings by the Group of Seven, music listening rooms, a closed-circuit radio station and a sophisticated 74-seat theatre equipped with hydraulic-rising orchestra pit and a high-angle projector that can screen photographic backdrops. The place, declares Political Science professor Edward Mossman, 22, chairman of the building's planning commission, 'will act as a mixer of people who would not ordinarily mix.'

The new building is by long odds the most pleasing on a campus that has a rich architectural heritage. Doubtless because it is the only modern university building not designed by the Alberta government's Department of Public Works. The students insisted on choosing their own man, and instead of asking for specific proposals from architects, they invited 14 firms to sit down with them and, says Mossman, 'pour out their souls over architectural design.' The best taker turned out to be Edmonton Architect Herbert Richards, who found that he was thereupon presented with what he

termed "the most detailed, methodical submission of requirements I have ever seen."

Bargain Loan

To underwrite their \$6.5 million undertaking, the students received \$2,250,000 from the university's capital-grants fund, borrowed the rest from the province at the bargain note of 5½%, which they plan

to repay over 30 years by means of an annual \$11 levy. With their union only a month old, the Alberta students have already had detailed inquiries from three other Canadian universities about how they did it. (TIME, October 27, 1987. Copyright TIME, Inc., 1987; reprinted by permission.)

This space is empty for a reason

ley

... are you a swinger, scholar, athlete, politician or keeper? Do you "dig" photography, writing, drama, organizing, debating? You do GREAT ... 'cause somewhere in this massive complex called the Students' Union there are groups, activities, and distractions that are just waiting for YOU.

What'll it be ... the Debating Society, Mixed Chorus, a fraternity, intramurals? Maybe try the Gate-

way, a political party or a faculty club?

You name it, we've got it. When the books get heavy and you can't hack a routine routine, all you've got to do is find the activity that matches your fancy- and WOW man-go to it!!!

That's what university is all about!

Thursday, February 15

- 12:00- 5:00 p.m. —Registration in all major buildings. Main booth in SUB.
- 5:15 p.m. —President's Reception—Jubilee Auditorium.
- 6:00 p.m. —Appreciation Banquet—Jubilee Auditorium.
- 7:00 p.m. —Who's Afraid of Virginia Woolf—SUB Theatre.
- 7:00-11:00 p.m. —Coffee House—Room at the Top.
- 8:15 p.m. —Varsity Varieties—Jubilee Auditorium.

Friday, February 16

- 12:00- 5:00 p.m. —Registration in all major buildings. Main booth in SUB.
- 1:00- 3:00 p.m. —Concert in SUB Theatre.
- 1:00- 3:00 p.m. —V-3 lectures—Seminar Room SUB.
- 3:30- 5:30 p.m. —College Bowl Film—SUB Theatre.
- Evening —Model Parliament—Convocation Hall.
- 7:00 p.m. —Who's Afraid of Virginia Woolf—SUB Theatre.
- 7:00-11:00 p.m. —Coffee House—Room at the Top.
- 8:00 p.m. —Basketball—U. of S. vs. U. of A.—Main Gym.
- 8:15 p.m. —Varsity Varieties—Jubilee Auditorium.
- 9:00 p.m.- 1:00 p.m. —Moccasin Dance—Ice Arena.

Saturday, February 17

- 9:00 a.m.- 9:00 p.m. —Registration in all major buildings—Main booth in SUB.
- 9:00 a.m.- 5:30 p.m. —Faculty and Club displays—everywhere—see brochure.
- 9:00 a.m.- 5:00 p.m. —Inter-Collegiate Curling—SUB.
- 9:00 a.m.- 5:00 p.m. —V.G.W. "100" Car Rally.
- 9:00 a.m.- 5:00 p.m. —Tours of SUB—SUB.
- 9:00 a.m.- 6:30 p.m. —Light lunches served—SUB cafeteria and Lister Hall cafeteria.
- 10:00 a.m.-12:00 noon —Waukena Orientation—Meditation Room, SUB.
- 10:00 a.m.-12:00 noon —College Bowl Film—SUB Theatre.
- 10:00 a.m.- 4:00 p.m. —Academic Information Centre—Education Gym.
- 10:00 a.m.- 4:30 p.m. —Bus Tours of the campus leaving SUB every 5-15 minutes.
- 10:00 a.m.-12:00 noon —Mock Trial—Rutherford Library.
- 10:00 a.m.- 4:00 p.m. —Education Hot Chocolate Party—E.U.S. Lounge.
- 10:00 a.m.-12:00 noon —Nurses' Coffee Party.
- 11:00 a.m.-11:00 p.m. —Coffee House—Room at the Top—SUB.
- 1:00- 3:00 p.m. —V-3 lectures—Seminar Room—SUB.
- 1:00 p.m. —Wrestling and swimming—Physical Education.
- 1:00- 3:00 p.m. —Concert—SUB Theatre.
- 2:00- 4:00 p.m. —All-Star Wheelchair Basketball—Main Gym.
- 2:00- 4:00 p.m. —Nurses' Tea—Nurses' Residence.
- 3:30- 5:30 p.m. —College Bowl Film—SUB Theatre.
- 7:00 p.m. —Who's Afraid of Virginia Woolf—SUB Theatre.
- 8:00 p.m. —Basketball—Main Gym—U. of A. vs. U. of S.
- 8:15 p.m. —Varsity Varieties—Jubilee Auditorium.
- 9:00-12:00 p.m. —Campus Capers—Dinwoodie Room—SUB.

V-3: learn the truth about university life

V-3 stands for many things: the social life on campus, the various pressures of the academic process which university creates, the athletic facilities and programs, and more. The basic philosophy behind an informal seminar on university life is to show the prospective university student all sides of variety, and thus the name "V-3"—the three basic sides of variety: athletic, social, and academic—originated.

All visitors to the U. of A. are invited to attend these continuous seminars, but all are warned that a completely honest approach will be taken at all times by the panelists and that the picture painted of

university life will not always be rosy. But it will be honest. And no rook will be left unturned. For those who are not afraid to see all sides of variety as it really is, the V-3 seminars are a must. And those who are afraid shouldn't plan to go to university.

V-3 will be held this year in the new Students' Union Building, in the seminar room on the main floor from 1:00-3:00 p.m. Friday and Saturday afternoons. Speakers will range from professors to Student Council executive members to Fraternity Presidents to All-Star athletes.

The format for the seminars anticipates informality. Panelists

will be dropping in during the course of each two-hour session. No formal speeches or lectures will be given. Their opinions will be given on any questions which you, the interested U. of A. student of the future, may ask them. No question will be left up in the air. As a visitor to V-3, you are free to drop in for 5 minutes, an hour, or two hours—stay for as long as you like. But the longer you stay, the more you will want to stay.

V-3 is not formal, not boring. It will be honest, informal and often quite controversial.

It's guaranteed to answer any question you have on any aspect of university life.

Free coffee will be served continuously at V-3.

The organizers think big. That's because we like you. And we don't want you to miss an integral part of Varsity Guest Weekend. Let's face it, V-3 is what VGW is all about.

One more thing. Try to get there early (around 12:45), because if you come too late you might not get a seat. And there may be a line-up for coffee. But better late than never.

So hurry over. That's V-3, in the Seminar Room, Students' Union Building, 1-3, Friday and Saturday. Don't miss a question. (And a thirst for coffee.)



***What a little legwork
won't do . . .***

The newcomer to U of A, may he lunch at Lister Hall, SUB, Tuc Shop or Nurses' Res, is pleasantly surprised to find his noon hour brightened by a rollicking kielbise of scantily-dressed co-eds. He thinks it's a pretty fair idea to provide a floor-show with the fodder. What better excuse is needed?

As well as whetting appetites, the travelling girlie-shows advertise various "happenings" on the campus throughout the year. That same freshman can see the whole panorama of the year's dances, contests and productions kicking through the cafeteria.

Perhaps the first kick-line he'll see will be roping in spectators for the Commerce Rodeo. The Rodeo is annually (dis)organized in late October and is attended by cowboys from Western Canada and the U.S. As well, "lay" teams from campus ride Brahma bulls and rope steers all afternoon and evening. All then drag their bowed limbs to a rowdy dance.

After having sweated through Christmas and crammed in January, the freshman really wants to "Bust-Out" after exams. The engineers afford an outlet with their Bust-Out Dance, advertised by suggestive posters. In rapid succession Commerce stages Monte Carlo and IFC presents Sugarbush to keep the action going.

Monte Carlo, apart from having a celebrated kickline that even invades medicine classes, offers dancing, gambling and gaming. There are cigarette girls and go-go girls and phony money at this campus casino. A well-known local band helps to draw large crowds of students to this activity.

Switching from aristocratic to bourgeois activities, Sugarbush is a lumberjack jamboree. "I am growing a Sugarbush Beard," announces the button on the fuzzy face of the freshman. He'll likely go down to defeat in the beard-growing contest to one of his more mature

schoolmates, but he and his group may have more luck at the tug-of-war and log-cutting events.

Toward the end of the session the freshman himself may be swung up by the Aggies in their audience-participation square dance to announce Bar-None. Bar-None is the wildest, the most crowded brawl of the year. The Ice Arena is covered with interlocking squares of ice, and the crowd is like a "Butterfly," sometimes causes casualties. The crush is half the fun, the other half being the result of what was consumed earlier by the attendant. The freshman and senior student alike consider Bar-None a fitting finale for a social year that has indeed barring nothing and no-

The silent teachers

The University's book collection is housed in three library buildings and four branch libraries, Rutherford and Cameron Libraries being the centers of this system.

The reference materials found in these libraries include not only books but microfilm material and audio-visual aids such as maps, pictures and records. Rare books are also part of the library's vast resources. One of the three best collections in North America of John Bunyan's works, consisting of 103 volumes, was bought for the University library for \$8,000.00.

Books and newspapers in microfilm consist of hundreds of reels of microfilm, great numbers of microprint sheets and microprint cards. Altogether they are invaluable savers of space. One 8 by 10 inch sheet of microprint can accommodate one hundred pages of a book. At present the libraries have 8,800 sheets of microprint, this being equivalent to about four thousand books. A complete collection of all British Parliamentary papers from the early 1700's to the present day is recorded in microprint. This collection, if in volume or book form, would normally require four or five rooms, but in microprint the storage of micro-reproduction only four or five shelves are required for storage.

Presently, the U of A has fifty

per cent of its \$2.7 million library budget devoted to acquiring new library material, giving the University the largest book fund of any other Canadian institution of higher learning.

With the exceptions of the Universities of Toronto, U.B.C. and McGill, The University of Alberta ranks as the largest collection of volumes. The current collection of 710,000 volumes will be increased sufficiently in the coming year to establish the U. of A.'s collection as the third largest, ahead of McGill.

The first forty years of the University's existence saw the accumulation of 100,000 volumes. Now the university is acquiring 120,000 volumes every ten months! Due to the rapid increase in the size of the collection, and compounded by the active use of the material (504,700 books borrowed in 1966-67, 41% higher than the previous ten years) the university is becoming severely short of space. Because of the demand for the library resources, staffing is becoming a problem. Longer hours and shift arrangements of personnel are being considered. The increasing demand for the services, but the shortage of qualified people still poses some difficulty. Librarians are in short supply in Canada, and the University is facing a shortage of the School of Library Science here such a welcome event.

School of library science opens in '68

By next summer Miss Sarah Reed with the help of qualified people from across Canada and several of the administrative staff at The University of Alberta, will have achieved the long-hoped-for goal of opening a school of Library Science on this campus. This will be the fourth such accredited school in Canada, the others being at the Universities of Toronto, British Columbia and McGill.

In May, 1965, representatives from the three major Prairie universities approved the establishment of such a school in the Prairies. Because Alberta offered two campuses as well as several junior colleges, one of the largest and fastest growing libraries in the Prairies, the largest urban populations, and consequently the greatest need for personnel of this type, this university was chosen as the site for this school.

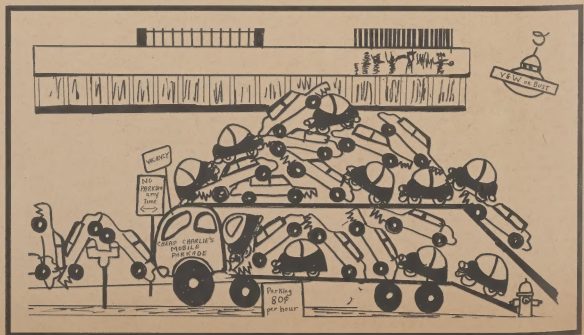
In the first year of operation the School of Library Science expects to regularly forty selected students already in possession of a university degree. Beginning on August 19th with an orientation program, and continuing for one year of concentrated but fascinating work, these people will be opening countless doors to career opportunities in the vast and various fields of librarianship. Out of the 239 personnel working in the Edmonton Public Library System only eight have any professional training. This is an indication of the urgent need for personnel in this field. It is hoped that in two or three years' time the school will be able to offer a master's program.

For those people interested in working and communicating with people of all ages the School of Library Science offers a golden opportunity.

Seven years bad luck

After seven long years, the Academic schedule will revert to pre-Christmas exams. An equal two terms of 13 full weeks of instruction will be divided by Christmas. University will begin on September 9, 1968, with Christmas exams to be finished before December 21. The second term will commence about January 11, and all finals except for Medicine, Dentistry, and Law will be completed by April 25.

It is hoped that the shift will help solve some of the problems of emotional strain and stress now in such prevalence during the January exams. By giving a complete emotional and physical holiday at Christmas, the General Faculty Council felt that the Student population might be better able to handle the rigors of university life.



Dr. Gunning + chemistry = success!

Varsity Guest Weekend is very impressive, and rightly so. Edmonton's campus can boast of many attributes, one of those being the honor of having one of the top three Chemistry Departments in Canada.

Under Dr. Gunning's expert guidance the department has risen from a position of relative mediocrity to one of nationally acknowledged excellence. This statement is

Do you think . . .

. . . that the School of Household Economics is a housewife factory—that we major in Knitting 300 and minor in Frigide Defrosting 780? Well, think again, because Household Economics at U of A has been fighting this image since 1918 and the school here on campus underwent radical changes three years ago.

It is appropriate that in 1968, our Golden Anniversary Year, we are graduating our first class of postulated Home Economics students. In former years, students did not major until their third year. The school, registering in House Economics today has a choice of three programs. The Foods and Nutrition program qualifies her as a dietitian or food researcher; the Clothing and Textiles girl may enter merchandising as a buyer or work in the fashion and design field; the girl who is trained in the general program is qualified to do extension work, home service and social work. In this way the school has become attuned to the times. We live in a world of specialists, and Home Economics students can pursue their particular fields of interest as soon as they enter university.

borne out by the fact that this year Alberta received the largest grant per staff member from the National Research Council all across Canada.

Many renowned authorities have stated that Edmonton houses the best photochemistry research center on the continent. To be worthy of such a position, both a highly qualified staff and excellent facilities are necessary. Edmonton can boast of both.

Our machine shop produces many delicate and intriguing machines which are used mainly for research. Their accomplishments also have been numerous. Their shop is the home of the discovery and development of a special machine used to measure inert gas pressure—a machine now invaluable used in industry.

Edmonton has the largest glass blowing shop in North America. Their work is so delicate that the only other source of one of their products, a glass spiral manometer, is found in England. Their work is also mandatory for the chemist's success; for example, one of their present products is a glass lamp.

Our chemistry department has also led the way in other ways such as teaching methods. One of our lab students work in small groups of approximately 20, supervised by a teaching assistant. Other universities, which in the past have had groups ranging as large as 100, are now following Edmonton's example.

The chemistry building itself is unique. It was specifically designed to minimize traffic between the various areas—research, technical or instructive. The chemistry building is also noted for its versatility. Each room can be used for any variety of purposes since as little as possible of the furniture is permanently fixed.

Members of the dental profession are educated to accept responsibility for the prevention, diagnosis and treatment of diseases of the teeth and their supporting tissues. The restoration of function to dental, oral and facial structures which have been damaged by disease or accidental trauma, as well as the correction of abnormalities of dental growth and development are important aspects of this responsibility.

Pre-Professional Years

The Faculty (located in the Medical Sciences Building) offers a four year course of study leading to the degree of Doctor of Dental Surgery (D.D.S.) following satisfactory completion of at least two pre-professional years of university education. The pre-professional years provide the necessary background in inorganic chemistry, organic chemistry, zoology, physics, the humanities and social sciences.

In the dental curriculum, lectures and laboratory instruction in such fundamental subjects as Anatomy, Physiology, Bacteriology, Histology, Psychiatry, Anesthesia are offered by the respective departments of other Faculties. The dental sciences lectures, laboratories, seminars and clinics relate and integrate these fundamental disciplines with the knowledge, skills, judgment and performance required of the dental practitioner.

Senior Students

In addition to bedside and operating instruction in medicine and surgery, the senior students are assigned to the Dental Department and the Department of General Anesthesia at the University Hospital, which is located three blocks away. It has its dental staff, and dentistry is represented on the hospital advisory board. Thus the student is afforded an opportunity to relate his field of health services to the general field of science and art devoted to the prevention, cure or alleviation of disease.

Besides undergraduate training in the Faculty of Dentistry there are 23 major projects in progress in the research area presently including the following:

Assessing the clinical efficiency of Calcium Hydroxide paste in treating exposed pulps of human teeth.

A study of various treatments of thumb and finger sucking and their psychological effects.

An investigation of stress pattern variance in operatively prepared human teeth using the method of the dimensional photostaticity.



Main clinic, Faculty of Dentistry.

Free dentist leads to rewarding career

A study of the provision of dental care services for the handicapped and chronically ill in the province of Alberta. Electronic data processing in the storage and retrieval of patient file information.

About 2,500 adult patients and 790 children were treated in the clinics of the faculty. The School of Dental Hygiene treated 1,113 patients. 756 dental patients received treatment at the University Hospital.

The above constitutes an appreciative service to the people of this province and community.

Career Opportunities

A wide range of career opportunities is available to the dental graduate. Depending upon his personality and interests a dentist may undertake a career in practice, teaching, research or administration.

Most dentists enter private practice directly upon graduation. They may elect to establish their own office or to participate in group

practice. Others may accept salaried positions with municipal, provincial or federal health services or choose to serve in the Royal Canadian Dental Corps (Department of National Defence).

Dental graduates who intend to enter a specialty of dental practice, as well as those who plan a career in teaching and research at a university, will usually undertake a program of graduate study. This means that there will be a following graduation from dental school, an additional one to four years in order to acquire knowledge and training either in a clinical specialty or in obtaining a graduate degree in basic science. It is fortunate that fellowships are available which, in many cases, permit graduate programs to be undertaken at little or no cost to the graduate student.

Those who choose dentistry as a career can expect to be rewarded by the opportunity for interesting and challenging work accompanied by a reasonable measure of financial security.

Education important in shaping world of tomorrow

The Faculty of Education probably offers more to the thousands of different kinds of people at the university than any other faculty. For those people who are interested in sharing their knowledge with others and in learning how to do it effectively, this faculty presents a golden opportunity. The standard subjects of the Faculty, History, Geography, Mathematics and Science must be taught in such a way that tomorrow's generation is capable of realizing their true potential. Music, art and drama enhance these goals while psychology and sociology help make it possible for the student to achieve his aims.

The teaching of special groups of children indicates the degree of specialization which can be achieved in an education program. For example, intensive training is required in the education of the physically handicapped, the emotionally disturbed, the mentally retarded and the fast and slow learner. These are the branches of education which require a high calibre of people but which also offer that source of satisfaction that draws so many into education.

The faculty itself is divided into two general programs, one for elementary school teaching and one

for secondary school teaching. These in turn provide for considerable specialization in either the academic or vocational fields.

Because of the rapid increase in the number of technical schools within the last ten years vocational education is the "up and coming" thing in education. Along with learning teaching methods in business education, motor and electronics, woodwork and a host of other industrial arts the faculty provides the training that many students are encouraged to use. Career opportunities in this branch of education are many and varied.

The Education Undergraduate Society promotes professionalism, sponsors various social and athletic events on campus and most important provides a means through which a student may voice his opinions concerning the Education faculty. Because the faculty has doubled in size over the past seven years, it has become one of the largest on campus this organization is a necessity.

Education or teaching as a career demands patience, enthusiasm and a real interest in people. It is the one career which is directly responsible for shaping the world of tomorrow.

Computers—computers—computers. The Department of Computing Science at the U of A is steadily growing into one of the newest and biggest computing centers in Canada. The IBM 360 operates on a time-sharing set-up allowing many problems to be run simultaneously on the computer. One feature of the IBM 360 is the remote terminals system with remote terminals in all the major buildings on campus, allowing the computer to be used by all Faculties and Departments. By October 1968 there should be approximately 110 terminals directly connected or connected by telephone to the computer, providing staff, graduate and undergraduate students with access to the computer. With this modern set-up drawing expenses from across Canada, the Computing Science Department promises to grow into one of the strongest departments on campus.

UNIVERSITY SPORTS



U of A Golden Bears—College Bowl Champions '67

Physical Education tops on our campus

The Faculty of Physical Education offers four-year programs for degrees of Bachelor of Arts in Recreation, Administration, and Bachelor of Physical Education. In addition to these two programs, the Faculty provides instruction in teaching methods in both health and physical education for students in the Faculty of Education, conducts service classes (required) for first-year students in all faculties, organizes and supervises intramural programs, and acts in an advisory capacity for the intercollegiate athletic programs.

In 1953 the Department of Physical Education graduated 13 students. In 1967-68 the enrolment of the Faculty of Physical Education is over 500 students.

Building

The Phys. Ed. building provides a multi-purpose Physical Education and athletic plant. It houses facilities for recreation, athletics, and physical education providing greatly expanded opportunities for the students. Included are an artificial ice arena with seating capacity of 2,800, a T-shape swimming pool with spectator area for 600, two handball and squash courts, wrestling room, corrective gymnasium, striking bag room, research and testing laboratory, two gymnasiums.

D doctorate Unique in Commonwealth

The Faculty of Physical Education offers a Master of Science, a Master of Arts and a Doctor of Philosophy. Begun in 1967, this doctorate is the first in the Phys. Ed. field in the Commonwealth. Usually thirty to fifty graduate students are enrolled in a given year. More than a dozen graduate students have advanced to doctoral

programs in physical education or related disciplines. Others have taken their places on the staffs of academic institutions throughout North America. Several are pursuing advanced research study at centers in Germany and Finland. The composition of the graduate student body in physical education has been international in nature. In addition to representatives from most of the Canadian provinces, it has included students from England, Australia, Belgium, Guyana, New Zealand, India, the Republic of China and the Union of South Africa.

Laboratory Facilities Tops

The Faculty at the U of A has extensive laboratory facilities and equipment available for wide range of research topics. It was selected as one of three Canadian universities to receive \$50,000 per year for the establishment of Fitness Research Unit, and is the only unit administered by a faculty of physical education. The other two are administered by schools of hygiene and physiological hygiene. These developments have encouraged the acquisition of fine facilities for research.

It is understandable that the Faculty of Physical Education at The University of Alberta is ranked as tops in Canada. To accommodate increasing demands on a top facility there is an annex to the Phys. Ed. building currently in the planning stages. For further information visit the Physical Education Building, located directly across from the Students' Union Building.

Men's Sports

As well as providing an academic challenge, a university career can also lead to an exciting life in ath-

letics. There are several ways in which the university male can satisfy his sporting ego. This can be activity, intramural and extramural accomplished through leisure time programs. The facilities, which are among the best in Canada, are available for the casual athlete and also for those interested in organized sports. These organized programs are as follows:

Intramural Program

This program is designed to allow all interested students a chance to participate in campus sports. Skill level is secondary and competitive spirit high. Both team and individual sports are available and are organized according to ability. Facilities, residences, fraternities and special organizations submit teams to make up the leagues. The sports which are covered in this program are:

flag football
golf
tennis
squash
handball
track and field
volleyball
indoor soccer
country run
hockey
swimming

basketball
water polo
wrestling
skiing relay
bowling
skating races
volleyball
freo throw
competition
billiards
slalom skiing

Intercollegiate Program

The intercollegiate program provides competitions for athletes who excel in a particular sport. These various teams represent the university against most western universities in conference play and with other Canadian and American universities in exhibition play. Under this program The University of Alberta has teams in the following sports:

badminton
judo
curling
track and field
golf
curling
hockey
cross country
tennis

football
wrestling
rugby
basketball
swimming
fencing
volleyball
gymnastics
soccer

The above sports also provide a good calibre of entertainment for the arm chair athlete!

Is the woman's role in campus athletics important to you?

Are you wondering about how you, as a future woman student at this campus can get involved in athletics? If you are, this should be of interest to you.

Women's athletics can be broken into three distinct phases with respect to skill level and participants' interest.

Intramurals

This phase is mentioned first for this is the aspect of women's athletics which appeals to and is available to the majority of the students.

You might be interested in what intramurals at this level can do for you. Intramurals can provide:

- a wide variety of sports and activities to meet the needs and interests of the women on campus.
- an opportunity to meet and make friends with people of other faculties and groups.
- athletic competition at all skill levels.
- aid in the learning of new sports.
- an opportunity to keep physically fit.

Team, dual, individual, and co-ed sports are provided for in the intramural program for women. Our intramural program seeks to satisfy the majority by annually including the following activities:

Golf	Bowling	Basketball
Tennis	Curling	Billiards
Archery	Swimming	Table Tennis
Squash	Floor Hockey	Co-Ed Sports Night
Cross Country	Broomball	Winter Sports Night
Volleyball	Badminton	

If your interests lie either in taking part in, or setting up of, any sport activity, our intramural program should be of interest to you.

Intervarsity

The women on campus also play a vital role in athletic competitions between various universities. This type of sports activity is available to any woman student who desires competition at a high level of skill. Our intervarsity program includes a good variety of activities:

Golf	Tennis	Badminton
Basketball	Speed Swimming	Fencing
Gymnastics	Synchronized	Curling
Figure Skating	Swimming	Track and Field
Volleyball		

Intervarsity competition offers not only the joy of weekend trips to the various universities, but also the pride of being able to represent your own university in sports activities.

Athletic Clubs

A third phase of women's athletics on this campus is available in the form of athletic clubs. These clubs are profitable for any full-time student who has the desire to become more involved in any one particular sport. Various aspects of athletics, not covered by either the intramural or intervarsity programs are organized into clubs such as:

Orchestra	Jazz Ballet	Table Tennis
Dance	Sky-diving	Sky-Diving
Judo	Sub-Aquatic	

Whatever your skill level may be, and wherever your interests may lie with respect to athletics, the women's athletic program at this campus has a place for you.



photo by Jim McLaren

This U of A synchronized swimming team is out to win the W.C.I.A. championship for the third straight year. Members of this team won the Second Century Week and Canadian National Championships last year. A fine record for a fine U of A team!

Things are happening in the Fine Arts department

The Fine Arts Department is the seat of dynamic change and improvement. This year a visiting professor and five new permanent staff were brought in including a new Head of Department, R. E. A. and a new equipment and courses have been offered. A sculpture

building due for completion last September 1 is just now beginning to run efficiently.

Led by Prof. Davey the department has implemented many improvements for the future. Basically, two things are to be provided. Firstly, a program which is up to date in the sense of having

available current knowledge at the students' access. Secondly, the program will be enlarged with emphasis on the importance of design as a foundation course. The concept will be to unify the drawing and design courses so that not only the hand skills are taught, but the underlying mental skills as well. Two directions will be taken in art education, one with art and design as a facet for any student, and another has art and design for those professionally interested: teachers, fine artists, or designers.

For next year new courses planned include industrial design, photographic design, and typographic design. There has been the purchase of a precision offset lithographic proof press. Three new professors have been appointed but due to the dramatic increase in students during the past few years there is a need for many more.

Looking further ahead there will be graduate programs in Design and Fine Arts introduced in 1972. A Faculty of Environmental Design will be established either here or in Calgary. It will include architecture, landscaping, interior design and other aspects. On the high priority list and in the early planning stages is a complex in Garneau for Fine Arts, Music, and Drama.

The emphasis will be on bringing up the standards of the school so the B.F.A. will not be considered a terminating degree. There will be increased exposure to the student, as well as more choice. With all this going on the situation will become more and more exciting as each phase develops.



"H—m-m-m, I see your point."

Drama department exploding

It has been twenty years since the Drama Department with a staff of three was formed. Now, with a staff of some fifteen, plus specialist instructors, the department is in full flower.

The Drama Department has expanded. Starting from a B.Ed. and A.A. program, for drama majors, it now contains both B.Ed. and B.A. degrees. An M.F.A. and M.A. in Drama are in the offering for 1968. The Master of Fine Arts at the University of Alberta is distinct from being the first M.F.A. program offered in Canada. U.B.C. and U.T. only offer the M.A. in drama.

When the B.F.A. came into effect over years ago, curricula and student work load were in a state of organizational confusion. Now, with the formalization of the program, much has been improved. The nucleus operandi of the Drama Department is not to turn out backstage crews but to produce fully trained creative artists. This aesthetic emphasis plus professional accreditation in acting, design, and directing, is most impressive. It allows the actor, let us say, to specialize in acting without the excessive intrusion of the other theatre art forms—design and theatre.

The actor, in his first year, shares a common circumstance with his fellow B.F.A.'s. This common first year experience is designed to present a concentrated, yet diverse course experience; theatre arts, design, and speech, acting, stagecraft, and theatre design aesthetics. The first year for all B.F.A. students is one of dedication and hard work, for herein they

fashion their future three years. As their training continues there becomes less emphasis on the techniques and more on performance for which credit is given.

It is foreseen in the not too distant future, that every entrant to the program, with an audition both practical and written, will have had theatrical experience before coming to university. Training in Children's Theatre and school drama are 'on the up' with an improved B.Ed. program and creative drama classes. This may be, it is hoped, the source for future B.F.A.'s.

The Department of Drama is not teaching 'show biz' but the highest possible aesthetic level whereby graduates will be able to take their place in the commercial and the professional theatre. The actor has a terminal training with the completion of his B.F.A., but the director and the designer as professional artists, to be proficient, must proceed from the B.F.A. with their basis of knowledge into an intimate acquaintance with aesthetics. Here in the M.F.A. the artist/scholar with a solid foundation of basic knowledge functions toward artistic achievement in the play—the centre of all his previous training.

The plant facilities of the Department of Drama are adequate. But it is foreseen somewhere on the horizon a new fine arts complex wherein art, music, and drama may have their own. Even at present the department provides a fully equipped Studio Theatre, one experimental theatre and dramatic arts laboratories for the student. A complete workshop for set, costume, design, and props further reinforces the basic premise of the Department of Drama.

For those who are musically interested, vocationally or avocationally, here is a view of the music scene on campus.

There are three degrees offered with an emphasis on music, each pertaining to a different aspect: a Bachelor of Arts, with a major in music, a Bachelor of Education,

with a major in music, and a Bachelor of Music.

The Bachelor of Arts with a major in music, a three-year program enables one to study the theoretical side of music—history, harmony, style—and at the same time, leave time for a liberal number of options.

The Bachelor of Education with

a major in music, a four-year program, is for the person who enjoys music in the setting of the school system; here the focal point is on instruction and direction of school bands and orchestras.

The Bachelor of Music program, four years, comes under the Faculty of Arts, and offers three routes of concentration: Music Theory and Composition, Applied Music, and History and Literature. This course, in general, fosters the teaching and application of the materials used by the working musician—harmony, counterpoint, orchestration, analysis, form, ear-training—to name but a few. Ample opportunity is given students to perform or to have their works performed. For example, every Monday at twelve noon in Convocation Hall, one may hear singers, pianists, woodwind, or string players giving evidence of their talent. Other performance of interest are those of the Collegium Musicum which specializes in the presentation of Medieval and Renaissance music.

A highlight of the Music Department's year will be the visit of a group of eminent musicians, the Hungarian String Quartet, who will be in residence for the month of March to give coaching, seminars, lectures, and recitals on Chamber Music.

For those who vocalize in the shower, an audition from Mixed Chorus could prove your value and so admit you to an enthusiastic choral group, hard-working, and with interesting and challenging repertoire which reaches the public in an annual formal concert, and a Spring and Winter tour.

Players of orchestral instruments enjoying experience in music-making can partake in symphonies, overtures, and works featuring soloists, with University Symphony, which gives two yearly concerts.

By no means exhaustive, perhaps this sampling will serve as a recruiting invitation to one of the musical activities at U of A.

Residence: a home away from home

This year Lister Hall Complex is a "home - away from - home" for 1200 students which will increase to 1800 by next term. Here students are encouraged to associate with persons of different backgrounds, interests, ideas, experiences and goals. Through student government, residence provides opportunities for individual development of leadership skills, interests, abilities and organization experience.

Residence students are able to take advantage of campus activities and facilities to a greater extent than most other students because of their proximity to Campus. As well as this, there are educational, social and sports programs within the residence structure, organized and carried out by the residents themselves. These include formal, semi-formal and informal dances, guest speakers, Res Review (an annual variety show), an annual Queen Contest, sports events of all types and various other activities.

Because of the number of students who live within this complex certain regulations are necessary to protect the rights of all individuals. Outside of those set by the Universities, the Housing and Food Services, the rules and regulations are drawn up by the residents them-

selves through the House Committees which comprise the Student Government. These rules are few and far between, and are designed to regulate the life of the accepted residents and one of developing individual responsibility as an

important part of group living. Discipline is the responsibility of the Wardens of the Men, and Women, and the elected House Committees.

The Wardens of the Men's and Women's Houses, the House Committees, and the Director and

Staff of Housing and Food Services all work in close co-operation toward their common aim: to make the residence the "best possible place to live and work. As a result, residence life is a rewarding life which greatly enhances each student's total educational experience.



A third building being added to above residence complex.

a jubilaires production

finian's rainbow

february 15, 16, 17
at 8:15 p.m.
jubilee auditorium

tickets at  s.u.b., u.o.f.a.

